**[Number of Coins](https://leetcode.com/problems/coin-change/description/)**

Given a value **V** and array **coins[]** of size **M**, the task is to make the change for **V** cents, given that you have an infinite supply of each of coins{coins1, coins2, ..., coinsm} valued coins. Find the minimum number of coins to make the change. If not possible to make change then return -1.

**Example 1:**

**Input**: V = 30, M = 3, coins[] = {25, 10, 5}

**Output:** 2

**Explanation**: Use one 25 cent coin

and one 5 cent coin

**Example 2:**

**Input**: V = 11, M = 4,coins[] = {9, 6, 5, 1}

**Output:** 2

**Explanation**: Use one 6 cent coin

and one 5 cent coin

**Your Task:**  
You don't need to read input or print anything. Complete the function **minCoins()**which takes **V, M** and array **coins**as input parameters and returns the answer.  
  
**Expected Time Complexity:** O(V\*M)  
**Expected Auxiliary Space:** O(V)  
  
**Constraints:**  
1 ≤ **V\*M** ≤ 106  
All array elements are distinct